NAME:_____ Period:_____

Unit 7 Schedule: Rates, Ratios and Proportions
This paper is due on Test DAY!

Date Assigned	Lesson	Objective	HW	HW Due Date	Score	HW Stamp
Wed. Feb 3rd	7-1	Rates and Unit Rates	7-1 HW	Fri. Feb. 5th	____/____ = _____%	
Fri. Feb. 5th	7-2	Constant Rate of Change	7-2 HW	Tues. Feb. 9th	____/____ = _____%	
Tues. Feb. 9th	7-3	Proportional and Non-Proportional Relationships	7-3 HW	Thurs. Feb 11th	____/____ = _____%	
Thurs. Feb 11th	7-4	Tables, Graphs, & Equations	7-4 HW	Tues. Feb 16th	____/____ = _____%	
Tues. Feb 16th	7-5	Solving Proportions	7-5 HW	Thurs. Feb 18th	____/____ = _____%	
Thurs. Feb 18th	7-6	Scale Drawings and Scale Factor	7-6 HW	Mon. Feb 22nd	____/____ = _____%	
Mon. Feb 22nd		**REVIEW DAY**	U7 Review Sheet	Wed. Feb 24th	____/____ = _____%	
Wed. Feb 24th		**TEST DAY**				

Unit 7 Quizzes

Date Given	Obj #	Daily Objective	Original Score	Need to Retake?	Passed Quiz?
Tues. Feb. 9th	7-1,2	Unit Rates and Rates of Change			
Thurs. Feb 18th	7-3,5,6	Proportions			

QUIZ PRACTICE QUESTIONS: Complete by Quiz Day to receive extra credit!

Unit Rates and Rate of Change Quiz: Answers posted on my website!

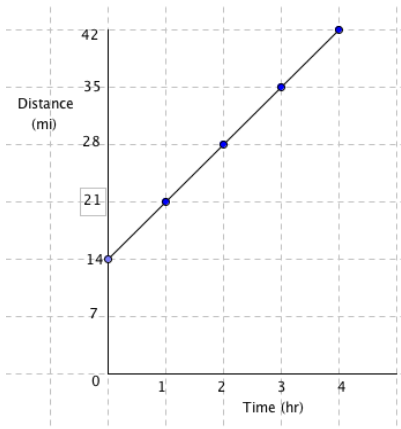Find the rate of change from the data in the table given. Don't forget to label.

1.

Hours (x)	1	2	4
$ (y)	5	29	77

2.

Seconds (x)	2	3	4	6
Feet (y)	22	33	44	66

3. Find the rate of change on the graph. Don't forget to label

Find each unit rate. Show all work.
Round to the nearest hundredth if necessary.
4. 324 pushups in 6 minutes.

5. Watching 56 hours of TV in 3 weeks

STAMP:

Proportions Quiz: Answers posted on my website!

State whether each set of ratios is "proportional" or "not proportional" and show why or why not.

Solve the following for the value that will make the two ratios a proportion. Show your work.

1. $\dfrac{3.2}{5.6}, \dfrac{24}{40}$

2. $\dfrac{16}{7}, \dfrac{13}{4}$

3. $\dfrac{27}{x} = \dfrac{6}{20}$

4. $\dfrac{22}{35} = \dfrac{y}{21}$

STAMP:

Set up a proportion and solve. (Don't forget to label your answer)
5. You put 5 gallons of gas in your car for $12.40
How much would it cost for 13 gallons?